INFORMATION DISCLOSUDE STATEMENT	ATTY. DOCKET NO.	SERIAL NO.
	NSL-029	10/782,017
DISCLOSURE STATEMENT PTO-1449	APPLICANT Brian M. Sager, et al.	
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EXAMINER INITIAL	CITE	DOCUMENT	DATE	NAME	CLAS	SUBCL
	NO.	NUMBER 3423301	01-21-1969	Sterns	S 204	ASS 105
	В	3586541	06-22-1971	Chamberlin	136	206
	С	3966568	06-29-1976	Crossley, et al.	205	564
	D	4191794	03-03-1980	Shirland et al.	438	80
	E	4192721	03-11-1980	Fawcett et al.	205	229
	F	4404422	09-13-1983	Green et al.	136	255
	G	4522663	06-11-1985	Ovshinsky et al.	148	403
	Н	4536607	08-20-1985	Wiesmann	136	249
	I	4622432	11-11-1986	Yamazaki	136	246
	J	4642140	02-10-1987	Noufi et al.	438	95
	K	4677250	06-30-1987	Barnett et al.	136	258
	L	4806436	02-21-1989	Tada et al.	428	629
	M	4940604	07-10-1990	Suyama, et al.	427	76
	N	5045409	09-03-1991	Eberspacher, et al.	428	620
	О	5078804	01-07-1992	Chen et al.	136	260
	P	5141564	08-25-1992	Chen et al.	136	258
	Q	5244509	09-14-1993	Arao et al.	136	259
	R	5277786	01-11-1994	Kawakami	205	124
	S	5286306	02-15-1994	Menezes	136	249
	T	5356839	10-18-1994	Tuttle et al.	438	479
	U	5401573	03-28-1995	Babel et al.	428	336
	V	5436204	07-25-1995	Albin et al.	438	488
	W	5441897	08-15-1995	Noufi et al.	438	95
	X	5419781	5-1995	Hamakawa et al.	136	244
	Y	5578503	11-1996	Karg et al.	438	95
	Z	5626688	05-06-1997	Probst, et al.	136	265
	AA	5633033	05-27-1997	Nishitani et al.	427	8

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AB	5677250	10-14-1997	Knapp	501	14
AC	6107562	8-22-2000	Hashimoto et al.	136	252
AD	5730852	03-24-1998	Bhattacharya et al.	205	192
AE	5925228	07-20-1999	Panitz et al.	204	484
AF	5994163	11-30-1999	Bodegard et al.	438	84
AG	6121541	09-19-2000	Arya	136	255
AH	6124039	09-26-2000	Goetz et al.	428	457
AI	6974976	12-13-2005	Hollars	257	184
AJ	20040219730	11-4-2004	Basol	438	200
AK	20040144419	7-2004	Fix et al.	136	252
AL	20050183768	8-25-2005	Roscheisen et al.	136	263
AM	20050186342	8-2005	Sager et al.	427	248.1
AN	5013464	05/07/1991	Sugimura et al.	508	150
AO	20070092648	4-26-2007	Duren et al.	427	255
AP	20040144419	7-2004	Fix et al.	136	252
AQ	6022487	2-2000	Daume et al.	252	70

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EXAMINER'S	CITE	PATENT NO.	PUBLICATION DATE	NAME OF PATENTEE	Translation	
INTIALS	NO.	TAILINI NO.	MM-DD-YYYY	TANKE OF TATELVILL	YES	NO
	AR	DE 2741954	03-29-1979	Hertel		X
	AS	EP 793277	09-03-1997	Matsuyama	X	
	AT	JP 62-89369	04-13-1987	Ito		X
	AU	JP 63-249379	10-17-1988	Tada		X
	AV	WO 02/084708	10-2002	Basol		X
	AW	WO 03/007386	01-2003	Tuttle et al.		X
	AX	JP 61244004	10-1986	Nishikawa	abstract	

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## TECHNICAL PUBLICATIONS

		TECHNICAL PUBLICATIONS
EXAMINER'S INTIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of article, title of item (book, journal, serial, etc), date, pages, volume issue number, publisher, city/state where published
	AY	VIJAY K. KAPUR, ASHISH BANSAL, PHUCAN LE, AND OMAR I. ASENSIO, Non-
		vacuum processing of CuIn <sub>1-x</sub> Ga <sub>x</sub> Se <sub>2</sub> solar cells on rigid and flexible substrates using
		nanoparticle precursor inks, Thin Solid Films, 2003, 53-57, Volume 431-432, Elsevier
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	AZ	MARKUS E. BECK, AND MICHAEL COCIVERA, Thin-film copper indium diselenide
		prepared by selenization of copper indium oxide formed by spray pyrolysis, Thin Solid
		Films, 1996, 71-82, Volume 272, Elsevier Publishing Company, Amsterdam.
	BA	C. EBERSPACHER, K. PAULS, AND J. SERRA, Non-vacuum processing of CIGS solar
		cells, UNISUN, 223-224, 2001, Newbury Park, CA
	BB	T. ARITA, N. SUYAMA, Y. KITA, S. KITAMURA, T. HIBINO, H. TAKADA, K.
		OMURA, N. UENO, AND M. MUROZONO, CuInSe <sub>2</sub> films prepared by screen-printing
		and sintering method, 1988, IEEE
	BC	DOUGLAS L. SCHULZ, CALVIN J. CURTIS, REBECCA A. FLITTON, HOLM
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		Colloids as Spray Deposition Precursors for Cu(In, Ga)Se <sub>2</sub> Solar Cell Materials, Journal of
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	BD	CLAIRE J. CARMALT, DANIEL E. MORRISON, AND IVAN P. PARKIN, Solid-state
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		Materials Chemistry, 1998, 2209-2211, Volume 8, Number 10, Royal Society of Chemistry
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	BE	SHIXING WENG AND MICHAEL COCIVERA, Preparation of copper indium disclenide
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	BF	2052, Volume 74, Number 3, American Institute of Physics, New York G. NORSWORTHY, C.R. LEIDHOLM, A. HALANI, V.K. KAPUR, R. ROE, B.M.
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	BG	CHRIS EBERSPACHER, CHRIS FREDRIC, KAREN PAULS, AND JACK SERRA,
	50	Thin-filme CIS alloy PV materials fabricated using non-vacuum, particles-based techniques,
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	ВН	C. EBERSPACHER, K. L. PAULS, AND C. V. FREDRIC, Improved processes for
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	BI	CHRIS EBERSPACHER, KAREN L. PAULS, AND JOHN P. SERRA, Non-vacuum thin-
		film CIGS modules, Materials Research Society Symposia Proceedings, 2003, B8.27.1-
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	BJ	M. KAELIN, D. RUDMANN, F. KURDESAU, T. MEYER, H. ZOGG, A.N. TIWARI, CIS
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EXAMPLED 20	CITE	I 1 1 C4 4 (' CADITAL LETTEDS) ('41 C 2' 1 2'4 C' 2 (1 1 ' 1
EXAMINER'S INTIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of article, title of item (book, journal, serial, etc), date, pages, volume issue number, publisher, city/state where published
	BK	M. KAELIN, H. ZOGG, A.N. TIWARI, O. WILHELM, S.E. PRATSINIS, T. MEYER,
		AND A. MEYER, Electrosprayer and selenized Cu/In metal particle films, Thin Solid
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	BL	R.P. RAFFAELLE, J.G. MANTOVANI, S.G. BAILEY, A.F. HEPP, E.M. GORDON AND
		R. HARAWAY, Electrodeposited CuInSe <sub>2</sub> thin film junctions, Prepared for the 1997 Fall
		meeting sponsored by the Materials Research Society, December 1-5, 1997, Boston, MA
	BM	K.T. RAMAKRISHNA REDDY, R.B.V. CHALAPATHY, M.A. SLIFKIN, A.W. WEISS,
		AND R.W. MILES, Photoacousstic spectroscopy of sprayed CuGa <sub>x</sub> In <sub>1-x</sub> Se <sub>2</sub> thin films, Thin
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	BN	C. GUILLEN, AND J. HERRERO, Recrystallization and components redistribution
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	ВО	K.T.L. DE SILVA, W.A.A. PRIYANTHA, J.K.D.S. JAYANETTI, B.D. CHITHRANI, W.
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	BP	A. G. MUNOZ, S. B. SAIDMAN, AND J. B. BESSONE, Electrodeposition of Indium onto
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	Dis	Solutions, Journal of the Electrochemical Society, October 1961, 964-969, Volume 108,
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	BT	WILLIAM M. SALTMAN AND NORMAN H. NACHTRIEB, The Electrochemistry of
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	BU	MARIANNA KEMELL, HEINI SALONIEMI, MIKKO RITALA, AND MARKKU
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		C118, Volume 148, Number 2, Electrochemical Society: USA
	BV	A. KAMPMANN, P. COWACHE, D. LINCOT, AND J. VEDEL, Juction Formation
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	BZ	DI CICCO, Andrea, Phase Transitions in Confined Gallium Droplets, Physical Review
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